DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-8, 10-18, 20-23, and 25 have been considered but are moot in view of the new ground(s) of rejection.

2. Claims 10, 20, and 25 are objected, as being of improper dependent form for failing to further limit the subject matter of a previous claim (claims 9, 19, and 24 are cancelled). Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-8, 10-18, 20-23, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kelley et al. (U.S.Pat-6822973) in view of Mangal et al. (U.S.Pat-6865398) and further in view of Harris et al. (U.S.Pub-20020191583).

Regarding claims 1, 11, 21, Kelly teaches wireless network comprising a base station (base station (108)), said base stations capable of controlling the use of the reduced slot cycle mode by a mobile station communicating with said base station (abstract), wherein said base station comprises:

a reduced slot cycle controller capable of causing said base station to transmit a

paging channel message to said plurality (not show) of mobile stations (fig.1, base station (108), mobile station (102), abstract), the paging channel message comprising a plurality of page records, each of said page records associated with one of said plurality of mobile stations (not show), wherein said paging channel message comprises a first data field containing a first (not show) reduced slot cycle index (SCI) value to be used by a first (not show) selected mobile station (fig.1, 3, 4, 5; col. 3, line 3 to 30; col. 5, line 8 to 35; col. 6, line 47 to col. 7, line 67).

Kelly fails to specifically plurality of mobile stations, and the paging channel message comprising a plurality of page records, each of said page records associated with one of said plurality of mobile stations. However, Mangal teaches plurality of mobile stations (MS 12 and MS14), and the paging channel message comprising a plurality of page records (fig.3, col.11, lines 12-15), each of said page records associated with one of said plurality of mobile stations (col.11, lines 12-27). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to apply the teaching of Mangal to Kelly to decrease call setup latency.

Kelly and Mangal fail to specifically a first reduced slot cycle index (SCI) value to be used by a first selected mobile station. However, Harris teaches a first reduced slot cycle index (SCI) value to be used by a first selected mobile station (fig.3-5, [0015]-[0017]). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to apply the teaching of Harris to Kelly and Mangal to provide a method for assigning a slot-cycle within a communication system (greatly conserving battery life).

Regarding claims 2, 3, 12, 13, 22, 23, Kelly, Mangal, and Harris further teach wherein said paging channel message is a General Page message further comprises a second data field operable to select said first selected mobile station to use said first reduced SCI value (see Harris, fig.3-5, [0015]-[0017]).

Regarding claims 4 and 14, Kelly, Mangal, and Harris further teach wherein said General Page message comprises a plurality of page records (see Mangal, fig.3, col.11, lines 12-15), each of said page records associated with one of said plurality of mobile stations (see Mangal, col.11, lines 12-27).

Regarding claims 5, 15, 25, Kelly, Mangal, and Harris further teach wherein said second data field selects said first selected mobile station to use said first reduced SCI value by associating a first one of said page records with said first reduced SCI value (see Mangal, col.11, lines 12-27).

Regarding claims 6, 16, Kelly, Mangal, and Harris further teach wherein said first data field contains a first reduced SCI valued to be used by a first selected group of mobile stations (see Harris, fig.3-5, abstract, [0020]).

Regarding claims 7-8, 17-18, Kelly, Mangal, and Harris further teach wherein said paging channel message is a General Page message and further comprises a second data field operable to select said first selected group of mobile stations to use said first reduced SCI value (see Harris, fig.3-5, [0015]-[0017]).

Regarding claims 10, 20, Kelly, Mangal, and Harris further teach wherein said second data field selects said first selected group of mobile stations (see Mangal, col.11, lines 12-27) to use said first reduced SCI value by associating each of said

plurality of page records (see Mangal, col.11, lines 12-15) with said first reduced SCI value (fig.3-5, [0015]-[0017]).

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI M. NGUYEN whose telephone number is (571)272-7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent P. Harper can be reached on 571.272.7605. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/VINCENT P. HARPER/
Supervisory Patent Examiner, Art Unit 2617

/Khai M Nguyen/
Examiner, Art Unit 2617 4/9/2008